

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
25 September 2003 (25.09.2003)

PCT

(10) International Publication Number
WO 03/079123 A1

(51) International Patent Classification⁷: **G05B 19/4063**

(21) International Application Number: **PCT/KR02/01054**

(22) International Filing Date: **4 June 2002 (04.06.2002)**

(25) Filing Language: **English**

(26) Publication Language: **English**

(30) Priority Data:
2002/14946 20 March 2002 (20.03.2002) **KR**

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(81) Designated States (national): **JP, US.**

(84) Designated States (regional): European patent (DE, FR,
GB).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: **INTELLIGENT STEP-NC CONTROLLER**

(57) **Abstract:** An intelligent STEP-NC (Standard for the Exchange of Product model-Numerical Controller) overcomes short-
comings of conventional NCs with a closed structure. The intelligent STEP-NC intelligently performs a machining process based
on ISO 14649 data while autonomously coping with an emergency at a shop-floor. Thus, the discontinuity of information in a
CAD-CAM-CNC chain where the current NCs are operated can be overcome and the concept of "design-to-manufacture" can be
realized.

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